

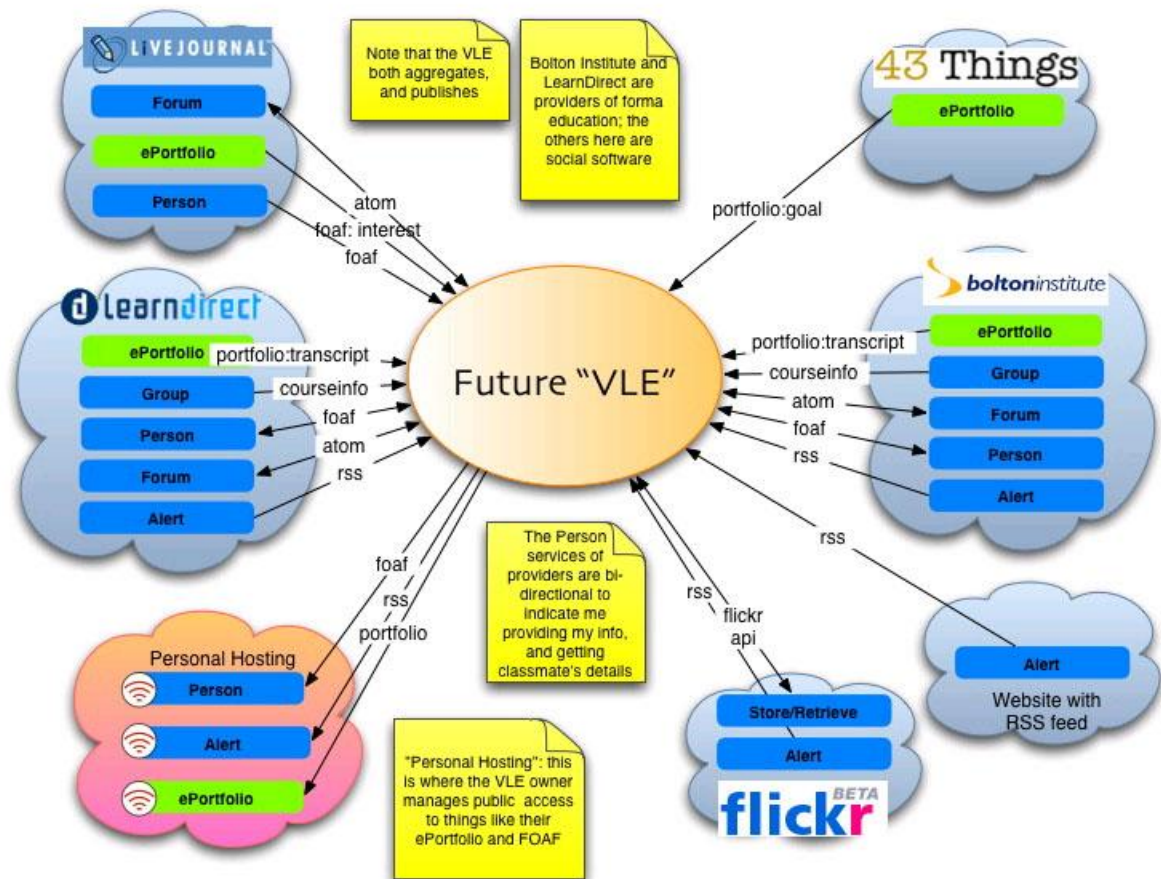


gRSShopper: Creating the Personal Web

Stephen Downes



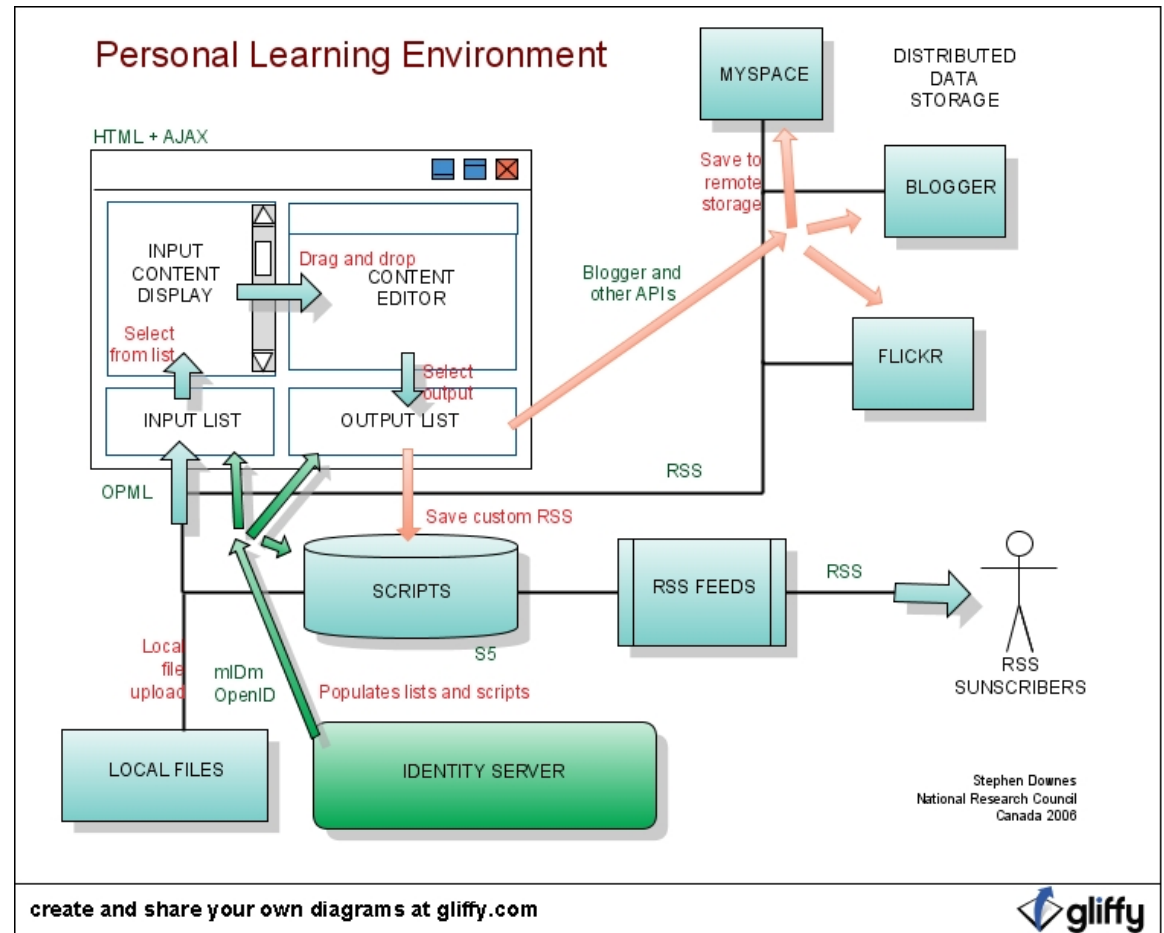
The Main Idea



The web of the future isn't about visiting sites, it's about connecting resources.



Architecture



The application provides mechanisms to input, process, and distribute content.



Login

Login ~ gRSShopper - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://demo.downes.ca/cgi-bin/login.cgi?refer=http://demo.downes.ca/cgi-bin/a

Admin Menu ~ Stephen... Google Reader Calendar

Google Image Result for http://... Capture a Screen Shot of you... Login ~ gRSShopper

gRSShopper

START SEARCH

[DISCUSS] [SEARCH] [ABOUT] [ARCHIVES] [OPTIONS]

Login

Login using OpenID ([About OpenID on gRSShopper](#))

Please enter your user name:

Please enter your password:

☐ Remember me next time

Not a registered user? [Click Here](#)

Forget your password? [Click Here](#)

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CONTACT: STEPHEN@DOWNES.CA

Done

gRSShopper instances are *personal* sites intended to support single users or small groups (though visitors can sign in).



Subscriptions

Register - Newsletter Subscription ~ Stephen's Web ~ by Stephen Downes - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.downes.ca/cgi-bin/login.cgi?action=Register

Admin Menu ~ Stephen... Google Reader Calendar

Google Image Result for http://... Register - Newsletter Subs... Manage Subscriptions ~ gRSS...

Stephen's Web

START SEARCH [NEWS] [DISCUSS]

[SEARCH] [ABOUT] [ARCHIVES] [OPTIONS]

Register - Newsletter Subscription

Stephen's Web collects user information in order to confirm passwords and to properly attribute comments and other submissions. User information will remain private and will not be sold to any external agency. For more information, please see our [Privacy Policy](#).

Select a username:

Select a password:

Enter your email address:

Select newsletter subscriptions (you may choose more than one; leave blank for none) for Stephen Downes

- ☒ OLDaily
- ☒ OLDaily Text Edition
- ☒ OLWeekly
- ☒ OLWeekly Text Edition
- ☒ Threads Email

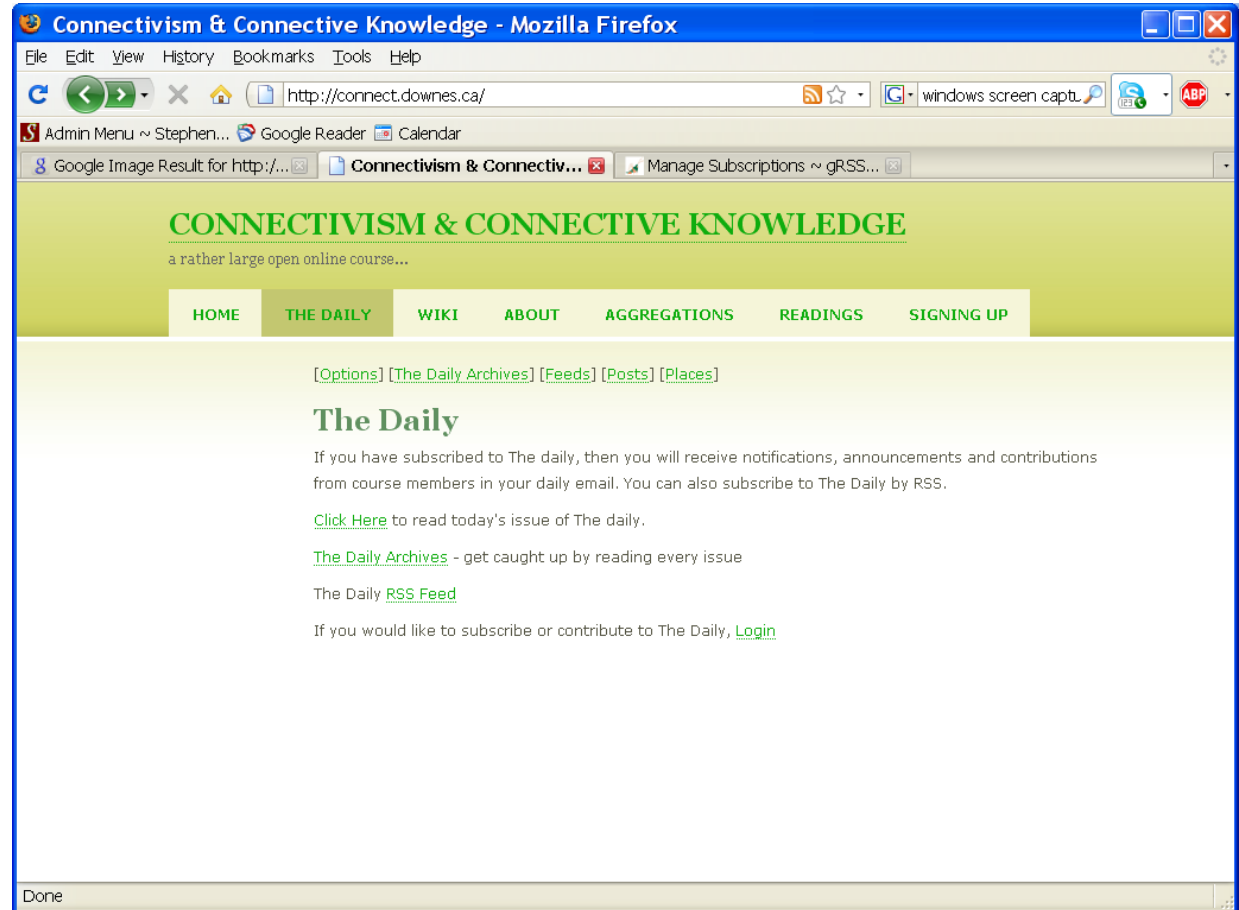
(Optional) Where did you hear about this website?

Done

Visitors have a one-click way to subscribe to site newsletters (or they can sign up for RSS).



Custom Pages



Content is organized into pages



Archive

Stephen's Web

[START SEARCH] [NEWS] [DISCUSS]

[SEARCH] [ABOUT] [ARCHIVES] [OPTIONS]

2008											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
	01		01	01		01	01	01	01		
02			02	02	02	02		02	02		
03		03	03	03	03	03		03	03		
04	04	04	04		04	04	04	04	03		
	05	05		05	05		05	05			
	06	06		06	06		06		06		
07	07	07	07	07		07	07		07		
08	08		08	08		08	08	08	08		
09			09	09	09	09		09	09		
10		10	10		10	10		10	10		
11	11	11	11		11	11	11	11			
	12	12		12	12		12	12			
	13	13		13	13		13		13		
14	14	14	14	14		14	14		14		
15	15		15	15		15	15	15	15		
16			16	16	16	16		16	16		
17		17	17		17	17		17	17		
18	18	18	18		18	18	18	18			
	19	19		19	19		19	19			
	20	20		20	20		20		20		
21	21	21	21	21		21	21		21		
22	22		22	22		22	22	22	22		
23	23		23	23	23	23			23		
24		24	24	24	24	24		24	24		
25	25	25	25		25		25	25			
	26	26		26	26	26	26	26			
	27	27		27	27	27	27				

Done

Pages auto-archive



Custom Pages

Screenshot of a web browser window showing the "List Page ~ Stephen's Web ~ by Stephen Downes - Mozilla Firefox". The page displays a list of custom pages, including:

- [New] [List] Author
- [New] [List] Box
- [New] [List] Cite
- [New] [List] Event
- [New] [List] Feed
- [New] [List] File
- [New] [List] Journal
- [New] [List] Link
- [New] [List] Optlist
- [New] [List] Mapping
- [New] [List] Page
- [New] [List] Person
- [New] [List] Post
- [New] [List] Presentation
- [New] [List] Publication
- [New] [List] Project
- [New] [List] Task
- [New] [List] Template
- [New] [List] Theme
- [New] [List] Topic
- [New] [List] View

Each item has associated actions: [Edit], [Delete], and [Publish]. The page also includes a search bar, navigation links (NEWS, DISCUSS, SEARCH, ABOUT, ARCHIVES, OPTIONS), and a status bar at the bottom indicating "Done".

Multiple pages can be created; each page can be a newsletter (or not; you decide)



Page Creation

Edit Page ~ Stephen's Web ~ by Stephen Downes - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.downes.ca/cgi-bin/admin.cgi?page=28&action=edit

Admin Menu ~ Stephen... Google Reader Calendar

Google Image Result for http://... Connectivism & Connective K... Manage Subscriptions ~ gRSS... Edit Page ~ Stephen's We...

Edit Page

[ADMIN]

[New] [List] Author [List Pages]
[New] [List] Box [View Generated Version of Page]
[New] [List] Cite [Publish Page]
[New] [List] Event [View Published Page]
[New] [List] Feed
[New] [List] File
[New] [List] Journal
[New] [List] Link
[New] [List] Optlist
[New] [List] Mapping
[New] [List] Page
[New] [List] Person
[New] [List] Post
[New] [List] Presentation
[New] [List] Publication
[New] [List] Project
[New] [List] Task
[New] [List] Template
[New] [List] Theme
[New] [List] Topic
[New] [List] View

Title	OLDaily		
File	news/OLDaily.htm		
Header	email_html_header	Footer	email_html_footer
Feed			
Autopub	yes	Archive	yes
Sub	yes		
Days	Monday, Tuesday, Wednesday, Thursday, Friday, Saturday		
Type	email		

Update Record

Code

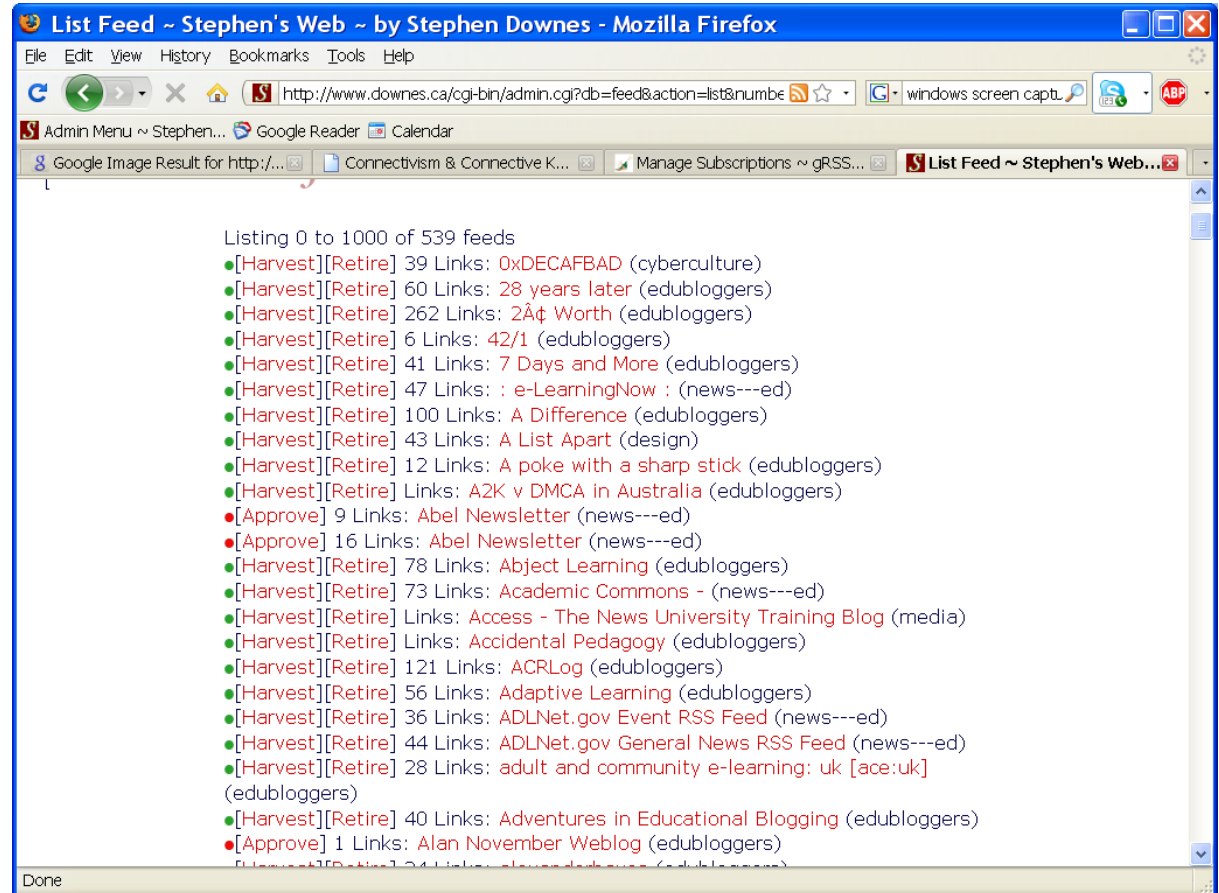
```
<h2 style="font: italic 28pt/32pt Georgia, serif; color: #91c6e7;">OLDaily</h2>

<p style="font: 400 12pt/16pt Verdana, Arial, sans-serif; color: #000040;">by
Stephen Downes<br/>
#TODAY#</p>
<keyword db=post;number=20;type=announcement;format=announcement_email;expires=48;
all;sort=crdate DESC>
<keyword db=presentation;number=20;format=email;expires=16;all;sort=crdate DESC>
<keyword db=post;number=20;type=article;format=article_email;expires=24;
all;sort=crdate DESC>
<keyword db=post;number=20;type=link;format=link_email;expires=16;all;sort=crdate
DESC>
```

Pages are created automatically from a database of content types



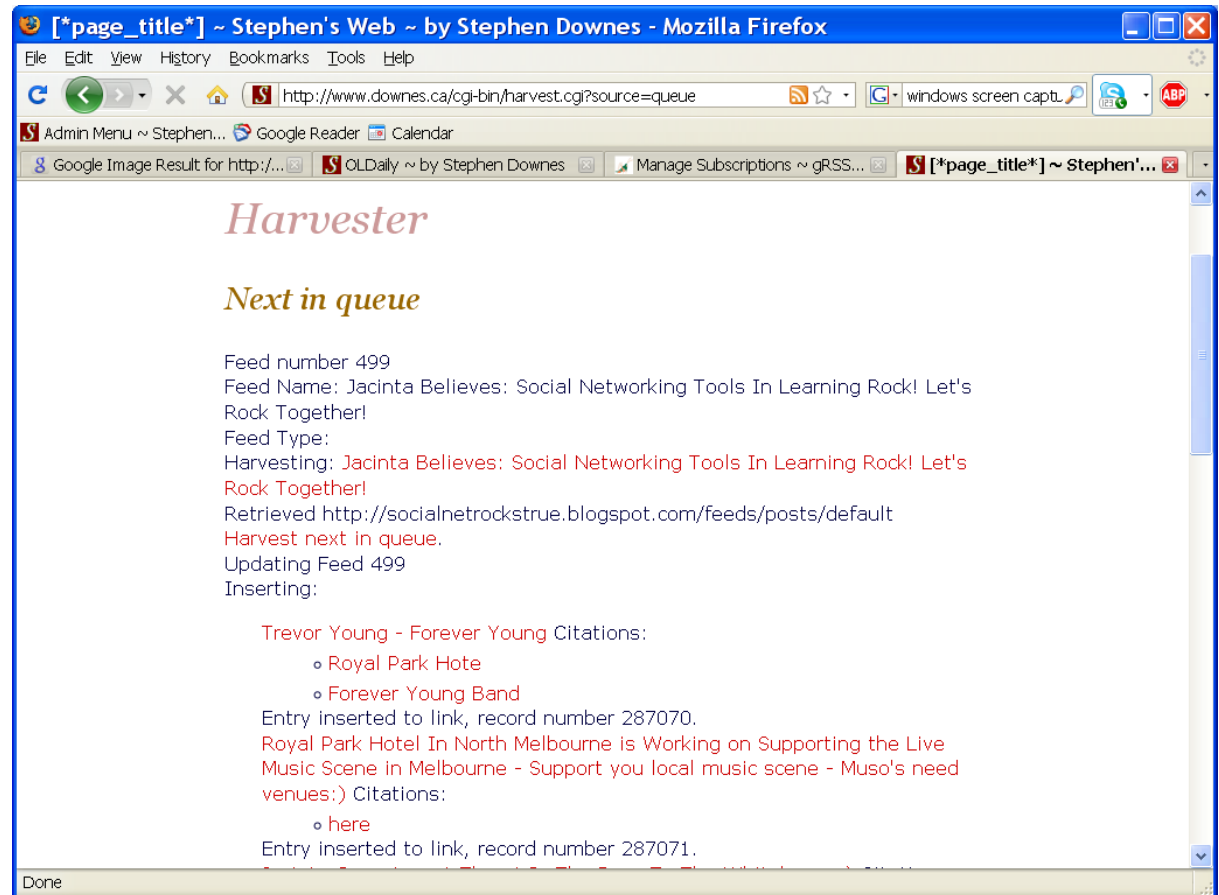
Feed Management



Content input comes from RSS feeds
harvested by gRSShopper



Harvester



Harvester captures and analyzes incoming data (by topic, links, etc)



Mapping

Edit Mapping ~ Stephen's Web ~ by Stephen Downes - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.downes.ca/cgi-bin/admin.cgi?mapping=1&action=edit

Admin Menu ~ Stephen's Web ~ Google Reader ~ Calendar

Google Image Result for http://... Connectivism & Connective K... Manage Subscriptions ~ gRSS... Edit Mapping ~ Stephen's ...

[ADMIN]

[New] [List] Author title:A Day In The Life -> journal
[New] [List] Box
[New] [List] Cite
[New] [List] Event
[New] [List] Feed
[New] [List] File
[New] [List] Journal
[New] [List] Link
[New] [List] Optlist
[New] [List] Mapping
[New] [List] Page
[New] [List] Person
[New] [List] Post
[New] [List] Presentation
[New] [List] Publication
[New] [List] Project
[New] [List] Task
[New] [List] Template
[New] [List] Theme
[New] [List] Topic
[New] [List] View

A mapping is a way to direct where you want harvested data to be stored. The mapping source is always a feed, while the mapping destination is always a database table.

Source

Either...

<input type="radio"/> Specific Feed:	ACRLog
<input type="radio"/> Feed Type	Atom [Help]
<input type="radio"/> Feed Fields	title [Help]
<input checked="" type="radio"/> Value Pair	title:A Day In The Life [Help]

Destination

Select a destination table: journal

link

Map Table Elements

Source		Destination: journal
hits	--->	
cites	--->	

Done

Incoming content can be mapped to any of a variety of data types



Viewing Harvested Content

Edu-RSS Viewer ~ Stephen's Web ~ by Stephen Downes - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.downes.ca/cgi-bin/page.cgi?action=viewer

Admin Menu ~ Stephen... Google Reader Calendar

Google Image Result for http://... OLDaily ~ by Stephen Downes Manage Subscriptions ~ gRSS... Edu-RSS Viewer ~ Stephe...

Stephen's Web

START SEARCH [NEWS] [DISCUSS]

[SEARCH] [ABOUT] [ARCHIVES] [OPTIONS]

You are logged in as Stephen Downes [Logout]

Quick Updates + Boston KM Forum

I've very much enjoyed taking a break from blogging, what I've been calling my "blogging hiatus." I'm not certain if I'm now back in for real, but I feel the urge to write again today, even though it has turned out to be a gorgeous, almost summer day, in Boston...after a rainy start. I've just completed [...] [From: Sims Learning Connections, October 27, 2008] 287040 <http://blog.simslearningconnections.com/?p=314>

Blog This!

5 of 84

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Done

Harvested contents may easily be
scanned in a viewer



Post Editor

Edit Post ~ Stephen's Web ~ by Stephen Downes - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.downes.ca/cgi-bin/admin.cgi

Admin Menu ~ Stephen... Google Reader Calendar

Google Image Result for http://... OLDaily ~ by Stephen Downes Manage Subscriptions ~ gRSS... Edit Post ~ Stephen's We...

Stephen's Web

START SEARCH [NEWS] [DISCUSS]

[SEARCH] [ABOUT] [ARCHIVES] [OPTIONS]

Edit Post

[ADMIN]

[New] [List] Author [Go to Viewer]

[New] [List] Box

[New] [List] Cite

[New] [List] Event

[New] [List] Feed

[New] [List] File

[New] [List] Journal

[New] [List] Link

[New] [List] Optlist

[New] [List] Mapping

[New] [List] Page

[New] [List] Person

[New] [List] Post

[New] [List] Presentation

[New] [List] Publication

[New] [List] Project

[New] [List] Task

[New] [List] Template

[New] [List] Theme

[New] [List] Topic

[New] [List] View

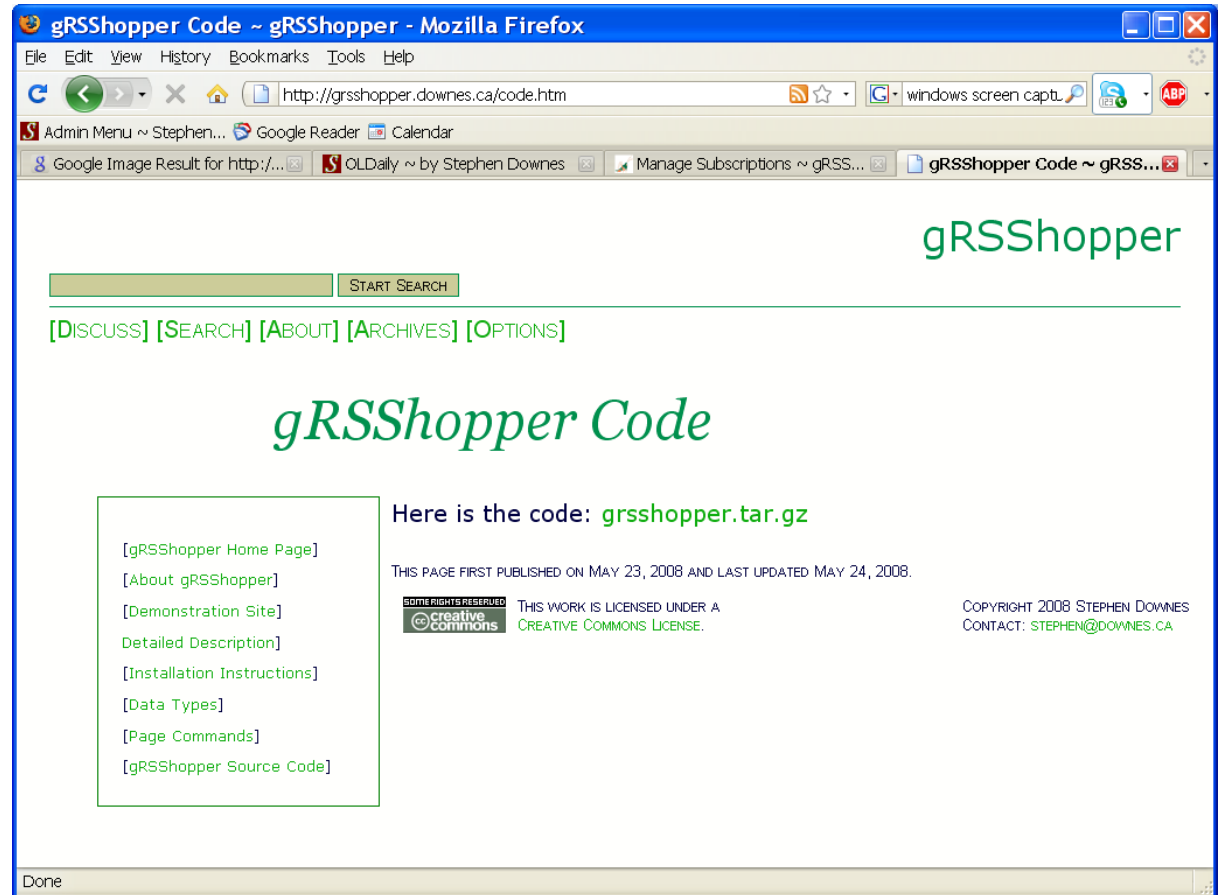
Title	Quick Updates + Boston KM Forum
Link	http://blog.simslearningconnections.com/?p=314
Author	
Journal	Sims Learning Connections
Type	Link
Crdate	
Description	I've very much enjoyed taking a break from blogging, what I've been calling my 'blogging hiatus.' I'm not certain if I'm now back in for real, but I feel the urge to write again today, even though it has turned out to be a gorgeous, almost summer day, in Boston - after a rainy start. I've just completed [...]

Done

Work with aggregated content to create new content



Open Source



gRSShopper code is available as an open source download



More

Welcome to Stephen's Web ~ Stephen's Web ~ by Stephen Downes - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.downes.ca/

Admin Menu ~ Stephen... Google Reader Calendar

Google Image Result for htt... OLDaily ~ by Stephen Dow... Manage Subscriptions ~ gR... Welcome to Stephen's ...

Stephen's Web

START SEARCH [NEWS] [DISCUSS]

[SEARCH] [ABOUT] [ARCHIVES] [OPTIONS]



Stephen Downes, April, 2008

Applications of Social and Collaborative Technologies in Education



Read cdn.slideshare.net

Integrating the Internet Into the Classroom
October 22, 2008. PEI Teachers Federation Conference 2008, Charlottetown, PEI (Keynote).

Welcome to the home page of Stephen Downes. I work for the National Research Council, Institute for Information Technology, in Moncton, New Brunswick, Canada. I specialize in online learning, content syndication, and new media.

Read my [daily newsletter](#) and, if you like it, [subscribe](#).

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- [Today's News in OLDaily](#)
- [Research Topics, Research Wiki, Code](#)
- [Publications, Papers and Presentations](#)
- [Blog posts at Half an Hour](#)
- [My Photos on Flickr and My Videos](#)
- [My Facebook Profile](#)
- [My Canada](#)

<http://www.downes.ca>

<http://grsshopper.downes.ca>